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P-9902 MG

O:\1 Documents\Cyphermin\2004\VP-9902 MG\VP-9902.IDC filed with am1.wp

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : **ZOLOTOREV et al.**
Serial No. : 09/445,386
Filed : December 6, 1999
For : **Payment Method and Apparatus Therefore**
Examiner : Greene, Daniel L.
Art Unit : 3621
Docket No. : P-9902 MG
Customer No. : 28752

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, in an envelope addressed to: Hon. Commissioner for Patents, Alexandria, VA 22313-1450:

Date : April 6, 2004

By : *ANDREW YOUNG*

Signature : *[Signature]*

Hon. Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

SIR:

In accordance with 37 C.F.R. §1.56, applicants wish to call the attention of the Examiner to the information identified in the attached form PTO-1449. A copy of the related art references are enclosed. It is requested that the information and art be made of record and included on the 'references cited' portion of any patent issuing from this application.

Applicants respectfully request that the examiner consider the enclosed reference materials in the examination of this application.

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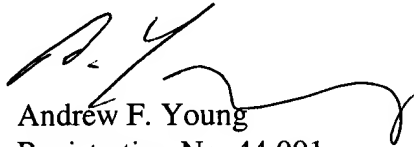
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The citation of this information does not, and is not intended to, constitute a waiver or admission of priority or that any cited item is available as a reference, alone or when combined, or a waiver of any right under applicable statutes, codes, rules, or otherwise.

It is therefore believed that the Examiner will concur with applicant's belief that the subject matter presently claimed is neither anticipated nor rendered obvious by such references.

Respectfully Submitted,



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Date: March 31, 2004

Enclosures: PTO 1449 forms and references.



INFORMATION DISCLOSURE CITATION
(use several sheets if necessary)

Attorney Docket No.: P-9902 MG
Applicant(s): ZOLOTOROV ET AL
Date Filed: 12/6/99

Serial No.: 09/445,386
Title: PAYMENT METHOD & APPARATUS THEREFORE

U.S. PATENT DOCUMENTS

Exmner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date (if appropriate)
	A	6,003,028*	12/14/1999	Koenig			
	R	5,999,625*	12/7/1999	Bellare et al.			
	C	5,926,548*	7/20/1999	Okamoto			
	D	5,920,629*	7/6/1999	Rosen			
	E	5,915,022*	6/22/1999	Robinson et al.			
	L	5,909,492*	6/1/1999	Payne et al.			
	G	5,905,976*	5/18/1999	Mjolsnes et al.			
	H	5,903,895*	5/11/1999	Hoffman et al.			
	I	5,903,880*	5/11/1999	Biffar			
	J	5,901,229*	5/4/1999	Fujisaki et al.			
	R	5,983,207*	11/9/1999	Turk et al.			
	L	5,982,506*	11/9/1999	Kara			
	M	5,910,989*	6/8/1999	Naccache			
	N	5,905,976*	5/18/1999	Mjolsnes et al.			
	O	5,901,229*	5/4/1999	Fujisaki et al.			
	P	5,898,154*	4/27/1999	Rosen			
	Q	5,897,663*	4/27/1999	Nolan			
	R	5,889,863*	3/30/1999	Weber			
	S	5,889,862*	3/30/1999	Ohta et al.			
	T	5,884,272*	3/16/1999	Walker et al.			
	U	5,884,270*	3/16/1999	Walker et al.			
	V	5,878,143*	3/2/1999	Moore			
	W	5,878,141*	3/2/1999	Daly et al.			
	X	5,878,140*	3/2/1999	Chaum			
	Y	5,878,138*	3/2/1999	Yacobi			
	Z	5,874,954*	2/23/1999	Kilmer et al.			

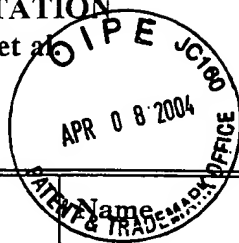
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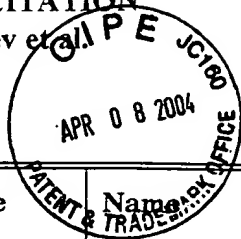


Exmner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date (if appropriate)
	A'	5,872,844*	2/16/1999	Yacobi			
	B'	5,870,476*	2/9/1999	Fischer			
	C'	5,870,473*	2/9/1999	Boesch et al.			
	D'	5,867,578*	2/2/1999	Brickell et al.			
	E'	5,867,494*	2/2/1999	Krishnaswamy et al.			
	F'	5,862,325*	1/19/1999	Reed et al.			
	G'	5,862,223*	1/19/1999	Walker et al.			
	H'	5,848,161*	12/8/1998	Luneau et al.			
	I'	5,832,090*	11/3/1998	Raspotnik			
	J'	5,832,089*	11/3/1998	Kravitz et al.			
	K'	5,825,884*	10/20/1998	Zdepski et al.			
	L'	5,825,880*	10/20/1998	Sudia et al.			
	M'	5,812,670*	9/22/1998	Micali			
	N'	5,806,063	9/8/1998	Dickens			
	O'	5,805,702*	9/8/1998	Curry et al.			
	P'	5,799,087*	8/25/1998	Rosen			
	Q'	5,799,086*	8/25/1998	Sudia			
	R'	5,790,677*	8/4/1998	Fox et al.			
	S'	5,790,675*	8/4/1998	Patarin			
	T'	5,790,667*	8/4/1998	Omori et al.			
	U'	5,781,631*	7/14/1998	Chaum			
	V'	5,768,388	6/16/1998	Goldwasser et al.			
	W'	5,768,385*	6/16/1998	Simon			
	X'	5,764,768*	6/9/1998	Spelman et al.			
	Y'	5,761,311*	6/2/1998	Spelman et al.			
	Z'	5,754,654*	5/19/1998	Hiroya et al.			
	A"	5,734,901*	3/31/1998	Sidhu et al.			
	B"	5,719,940*	2/17/1998	Ahn et al.			
	C"	5,715,314*	2/3/1998	Payne et al.			

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Exmner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date (if appropriate)
	D"	5,712,913*	1/27/1998	Chaum			
	E"	5,708,714*	1/13/1998	Lopez			
	F"	5,696,827*	12/9/1997	Brands			
	G"	5,689,567*	11/18/1997	Miyauchi			
	H"	5,677,955*	10/14/1997	Doggett et al.			
	I"	5,671,285*	9/23/1997	Newman			
	J"	5,668,878*	9/16/1997	Brands			
	K"	5,666,420*	9/9/1997	Micali			
	L"	5,659,616*	8/19/1997	Sudia			
	M"	5,642,419*	6/24/1997	Rosen			
	N"	5,638,447*	6/10/1997	Micali			
	O"	5,638,445*	6/10/1997	Spelman et al.			
	P"	5,633,929*	5/27/1997	Kaliski, Jr.			
	Q"	5,629,982*	5/13/1997	Micali			
	R"	5,627,893*	5/6/1997	Demytko			
	S"	5,625,695*	4/29/1997	M'Raihi et al.			
	T"	5,625,692*	4/29/1997	Herzberg et al.			
	U"	5,615,269*	3/25/1997	Micali			
	V"	5,610,982*	3/11/1997	Micali			
	W"	5,606,617*	2/25/1997	Brands			
	X"	5,604,805*	2/18/1997	Brands			
	Y"	5,590,197*	12/31/1996	Chen et al.			
	Z"	5,588,061*	12/24/1996	Ganesan et al.			
	A*	5,581,615*	12/3/1996	Stern			
	B*	5,577,124*	11/19/1996	Anshel et al.			
	C*	5,564,106*	10/8/1996	Puhl et al.			
	D*	5,553,145*	9/3/1996	Micali			
	E*	5,537,475*	7/16/1996	Micali			
	F*	5,521,980*	5/28/1996	Brands			

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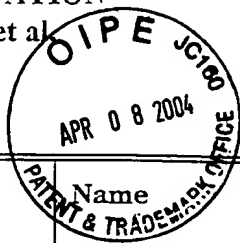
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U.S. Patent Application of Zolotorev et al.

Serial No.: 09/445,386



Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date (if appropriate)
	G*	5,511,121*	4/23/1996	Yacobi			
	H*	5,502,764*	3/26/1996	Naccache			
	I*	5,493,614*	2/20/1996	Chaum			
	J*	5,485,520*	1/16/1996	Chaum et al.			
	K*	5,475,763*	12/12/1995	Kaufman et al.			
	L*	5,453,601*	9/26/1995	Rosen			
	M*	5,448,639*	9/5/1995	Arazi			
	N*	5,446,796*	8/29/1995	Ishiguro et al.			
	O*	5,442,707*	8/15/1995	Miyaji et al.			
	P*	5,434,919*	7/18/1995	Chaum			
	Q*	5,420,926*	5/30/1995	Low et al.			
	R*	5,373,558*	12/13/1994	Chaum			
	S*	5,315,658*	5/24/1994	Micali			
	T*	5,299,262*	3/29/1994	Brickell et al.			
	U*	5,297,206*	3/29/1994	Orton			
	V*	5,297,202*	3/22/1994	Kapp et al.			
	W*	5,295,188*	3/15/1994	Wilson et al.			
	X*	5,276,736*	1/4/1994	Chaum			
	Y*	5,245,657*	9/14/1993	Sakurai			
	Z*	5,231,666	7/27/1993	Matyas			
	A**	5,226,079*	7/6/1993	Holloway			
	B**	5,224,162	6/29/1993	Okamoto et al.			
	C**	5,214,702*	5/25/1993	Fischer			
	D**	5,140,634*	8/18/1992	Guillou et al.			
	E**	5,131,039*	7/14/1992	Chaum			
	F**	5,020,105*	5/28/1991	Rosen et al.			
	G**	5,016,274*	5/14/1991	Micali et al.			
	H**	5,005,200*	4/2/1991	Fischer			
	I**	4,996,711*	2/26/1991	Chaum			

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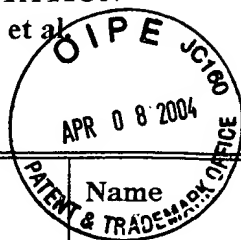
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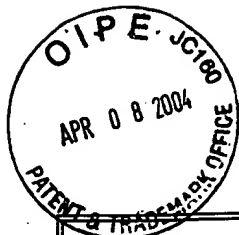
U.S. Patent Application of Zolotarev et al.

Serial No.: 09/445,386



Exmner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date (if appropriate)
	J**	4,995,082*	2/19/1991	Schnorr			
	K**	4,991,210*	2/5/1991	Chaum			
	L**	4,987,593*	1/22/1991	Chaum			
	M**	4,977,595	12/11/1990	Ohta et al.			
	N**	4,969,189*	11/6/1990	Ohta et al.			
	O**	4,949,380	8/14/1990	Chaum			
	P**	4,947,430*	8/7/1990	Chaum			
	Q**	4,944,007*	7/24/1990	Austin			
	R**	4,933,970*	6/12/1990	Shamir			
	S**	4,926,480*	5/15/1990	Chaum			
	T**	4,926,479*	5/15/1990	Goldwasser			
	U**	4,914,698*	4/3/1990	Chaum			
	V**	4,893,338*	1/9/1990	Pastor			
	W**	4,881,264*	11/14/1989	Merkle			
	X**	4,759,064	7/19/1988	Chaum			
	Y**	4,759,063	7/19/1988	Chaum			
	Z**	4,625,076*	11/25/1986	Okamoto et al.			
	A^	4,405,829	9/20/1983	Rivest et al.			
	B^	4,393,269*	7/12/1983	Konheim et al.			
	C^	4,386,233*	5/31/1983	Smid et al.			
	D^	4,309,569	1/5/1982	Merkle			
	D^	4,264,782*	4/28/1981	Konheim			
	E^	4,206,315	6/3/1980	Matyas et al.			

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Sheet **6** of **6**

Based on Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P-9902 MG		Serial No. 09/445,386			
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant Zolotorev, OA et al.					
		Filing Date December 6, 1999		Group 3621			
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
		A	David Chaum, "Blind Signatures for Untraceable Payments," in <u>Advanced Cryptology: Proceedings of the Crypto 82</u> , 1983, pp199-203				
		B	David, Chaum, "Security Without Identification: Transaction Systems to Make Big Brother Obsolete," in <u>Communications of the ACM</u> , vo. 28, no. 10, October 1985.				
		C	D. Pointcheval and J. Stern, "Provably Secure Blind Signature Schemes," <u>Lecture notes in Comp. Sci.</u> , 1163, 1996, pop. 252-65				
		D	A.J. Menez, P.C. Van Oorshot, and S.A. Vanstonre, <u>Handbook of Applied Cryptography</u> , CRC Press, 1997, pp. 8, 145, 185, 285, 321, 348, 433.				
		E	Jon M. Peha and Khamitov, "Pay Cash: A secure Efficient Internet Payment System, Accepted for Publication in <u>Proc. Of Fifth International Conference on Electronic Commerce</u> , Oct. 2003, pages 1-10.				
EXAMINER			DATE CONSIDERED				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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